

## **Certificate of Analysis**

Product Name: Articaine (hydrochloride)

 Cat. No.:
 CS-2728

 CAS No.:
 23964-57-0

 Batch No.:
 15468

Chemical Name: 2-Thiophenecarboxylic acid, 4-methyl-3-[[1-oxo-2-(propylamino)propyl]amino]-, methyl ester, h

ydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{21}CIN_2O_3S$ 

Molecular Weight: 320.84

**Storage:** 2-8°C, sealed storage, away from moisture and light

**Chemical Structure:** 

S O NH O NH HCI

**ANALYTICAL DATA** 

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

**Purity (LCMS):** 98.46%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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